

CLAIMS

What is claimed is:

1. A method for transmitting power and data to a networked device, the
5 method comprising:
applying two phases of three-phase power to the device via first and second power
conductors in a cable;
applying a third phase of three-phase power and data signals to the device via a third
power conductor in the cable; and
10 applying data signals to the device and returning power via a neutral conductor in
the cable in cooperation with the third power conductor.
2. The method as recited in claim 1, further comprising interrupting power to
the first and second conductors while maintaining power and data signals to the device via
15 the third conductor and the neutral conductor.
3. The method of claim 1, further comprising coupling the device to an earth
ground via an earth ground conductor in the cable.
- 20 4. The method of claim 1, wherein the data signals include signals in
accordance with a predetermined data communications protocol.
5. The method of claim 4, wherein the data signals include signals in
accordance with a predetermined override protocol in addition to the data communications
25 protocol.

26. A method for transmitting power and data to a networked device, the
method comprising: